Patent

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Amended) A method for resensitizing non P-gp/non MRP S1-M1-3.2 multiple drug resistant cancer cells to treatment with with a chemotherapeutic agents agent to which said cancer cells have developed resistance comprising administration of an effective amount of a chemosensitizing reversal agent selected from compounds of Formula (I)

$$R^{1} \xrightarrow{R^{4}} \stackrel{R^{5}}{\underset{N}{\bigcap}} \stackrel{N}{\underset{N}{\bigcap}} \stackrel{N}{\underset{N}{\longrightarrow}} \stackrel{N}{\underset{N}$$

wherein:

n is an integer of 0, 1, or 2;

R¹ is hydrogen or alkoxy of 1 to 10 carbon atoms;

R² is hydrogen or alkenyl of 2 to 10 carbon atoms;

R³ is hydrogen, alkyl of 1 to 10 carbon atoms, alkenyl of 2 to 10 carbon atoms,

 $R^7NH(CH2)v-or$

m is an integer of 1 to 6;

v is an integer of 1 to 4;

R⁴, R⁵ and R⁶ are hydrogen;

R⁷ is H or

R⁸ is selected from alkyl of 1 to 10 carbon atoms, -(CH₂)_mCO₂H,

$$--O-CH_2 \qquad \qquad and \qquad -(CH_2)_m \qquad ;$$

or a pharmaceutically acceptable salt thereof, Fumitremorgin A, Fumitremorgin B and Fumitremorgin C and a chemotherapeutic agent resistant to said cancer cells.

3-4. (Cancelled)

- 5. (Original) The method according to claim 2 wherein the chemotherapeutic agent is selected from the group consisting of mitoxantrone, doxorubicin and topotecan.
- 6. (Amended) The method of claim 3 claim 2 wherein the chemosensitizing reversal agent is administered prior to, concurrently with, or after administration of the chemotherapeutic agent.
- 7. (Canceled)
- 8. (Amended) A method for resensitizing BCRP-mediated multiple drug resistant cancer cells S1-M1-3.2 to treatment with with a chemotherapeutic agent agents to which said cancer cells have developed resistance comprising administration of an effective amount of a chemosensitizing reversal agent selected from compounds of Formula (I)

wherein:

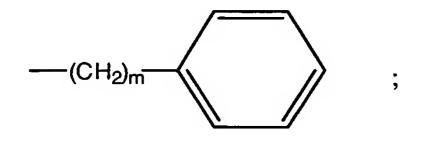
n is an integer of 0, 1, or 2;

R1 is hydrogen or alkoxy of 1 to 10 carbon atoms;

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R² is hydrogen or alkenyl of 2 to 10 carbon atoms;

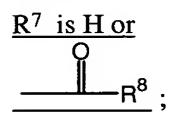
R³ is hydrogen, alkyl of 1 to 10 carbon atoms, alkenyl of 2 to 10 carbon atoms, R⁷NH(CH2)v- or



m is an integer of 1 to 6;

v is an integer of 1 to 4;

R⁴, R⁵ and R⁶ are hydrogen;



R⁸ is selected from alkyl of 1 to 10 carbon atoms, -(CH₂)_mCO₂H,

$$--O-CH_2 \qquad \qquad -(CH_2)_m \qquad \qquad ;$$

or a pharmaceutically acceptable salt thereof, Fumitremorgin A, Fumitremorgin B and Fumitremorgin C and a chemotherapeutic agent resistant to said cancer cells.

9. (Cancelled)

10. (Amended) The method according to claim 9 claim 8 wherein the chemotherapeutic agent is selected from the group consisting of mitoxantrone, doxorubicin, and topotecan.

11. (Cancelled)

12. (Amended) The method according to elaim 11 claim 8 wherein the chemosensitizing reversal agent is administered prior to, concurrently with, or after administration of the chemotherapeutic agent.

13-28. (Canceled)

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29. (Amended) A method of reversing BCRP or other non P-gp/non MRP mediated resistance of cancer cells to chemotherapeutic agents in a mammal which comprises administration of an effective amount of a chemosensitizing reversal agent selected from compounds of Formula (I)

wherein:

n is an integer of 0, 1, or 2;

R¹ is hydrogen or alkoxy of 1 to 10 carbon atoms;

R² is hydrogen or alkenyl of 2 to 10 carbon atoms;

R³ is hydrogen, alkyl of 1 to 10 carbon atoms, alkenyl of 2 to 10 carbon atoms, R⁷NH(CH2)v- or

m is an integer of 1 to 6;

v is an integer of 1 to 4;

R⁴, R⁵ and R⁶ are hydrogen;

$$\frac{\mathbb{R}^7 \text{ is H or}}{\mathbb{Q}}$$

R⁸ is selected from alkyl of 1 to 10 carbon atoms, -(CH₂)_mCO₂H,

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or a pharmaceutically acceptable salt thereof, Fumitremorgin A, Fumitremorgin B and Fumitremorgin C to a mammal to said mammal in need thereof having a BCRP or other non-P-gp/non MRP mediated resistant cancer and a chemotherapeutic agent to which said cancer cells are resistant.

- 30. (Cancelled)
- 31. (Original) The method according to claim 29 wherein the chemotherapeutic agent is selected from the group consisting of mitoxantrone, doxorubicin, and topotecan.
- 32. (Cancelled)
- 33. (Amended) The method according to elaim 32 claim 29 wherein the chemosensitizing reversal agent is administered prior to, concurrently with, or after administration of the chemotherapeutic agent.
- 34-63. (Canceled)